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--Calcium oxide particles with an average size of 0.02 μm , 0.1 μm , and 4 μm were compared for water absorption rate. Three mixtures of 25wt% calcium oxide were dispersed in solutions of 17 wt% polyethylmethacrylate (Water Vapor Transmission Rate of 28 gm-mil/100in²/day) dissolved in ethyl acetate. The desiccant packages were formed on the interior surface of a pre-weighed aluminum weighing pan and baked at 150°C for 2 hrs to remove the ethyl acetate. The samples were re-weighed to determine initial desiccant layer mass. The samples were then placed into a humidity chamber at 73°F and 70% RH. The samples were removed periodically and weighed to determine the water absorption rate of the different desiccant packages. The results are shown in FIG. 8. FIG. 8 depicts water absorptivity of CaO/PEMA desiccants based on particle size of calcium oxide at 73F/70% RH chamber.--

Please delete the table on page 21.

In the Claims:

Please amend Claim 25 as set forth below:

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25. (Twice Amended) A desiccant, comprising material including at least in part solid particles of one or more water-absorbing materials, at least one of such water-absorbing materials having an average particle size in a range of 0.001 to less than 0.1 micrometers to provide a high rate of water absorption and to provide an equilibrium minimum humidity level lower than a humidity level to which a highly moisture sensitive electronic device is sensitive within a sealed enclosure.